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| Application/Control No. | Applicant(s)/Patent under Reexamination |  |
|-------------------------|---|--|
| 10/624,085              | KELLEY ET AL.                           |  |
| Examiner                | Art Unit                                |  |
| Charles E. Lu           | 2161                                    |  |

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| = | Allowed  |  |

| _ | (Through numeral)<br>Cancelled |
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| Ţ | Restricted                     |

| i | N | Non-Elected  |
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|   | _ | Interference |

| A | Appeal   |
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|       | 1<br>2<br>3<br>4<br>5<br>6 | П                  | П        | _        | $\Box$   |          |  |  |  | П                      |
|       | 8                          | П                  | П        | V        |  |          |  |  |  | П                      |
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|       | 21                         | Ш                  | Ц        | Ц        |  |          | L  | _  |  | Ш                      |
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|       | 49                         | T                  |          | ١,       | $\vdash$   |          | Г  | 1  | _  | Н                      |
|       | 50                         | ۲,                 | 7        | 1        | <u> </u>   | _        | <b></b>  | <del>                                     </del> | _  | ┰                      |

| Cla             | _        |           |                   |                   | Date   |                                     |              |  | $\neg$   |          |
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| ├               | 62       | +         | Н                 | ۲                 | $\vdash$   | $\vdash$                            | -            | $\vdash$   | <del> -</del>                                    |          |
| <del>  </del>   | 62       | +         | ₩                 | ╫                 | $\vdash$   | -                                   |              | -  | $\vdash$   | $\vdash$ |
| <b></b>         | 63       | Η-        | H                 | ┼╄                | <del>                                     </del> | ⊢                                   | <del> </del> | <u> </u>   | <b> </b>   | -        |
| $\vdash \vdash$ | 64       | #         | #                 | 1                 | <b>—</b>   | $\vdash$                            | _            | <u> </u>   | <b> </b>   |          |
| igsquare        | 65       | 4         | 4                 | 1=                | <u></u>  | <u> </u>                            | <u> </u>     | _  | L  |          |
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|                 | 67       | Ц         | Ш                 | Ш                 |  |                                     |              |  |  |          |
|                 | 68       | Ш         | Ш                 | П                 |  |                                     |              |  |  |          |
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| <del></del>     | 93       | H         | H                 | ╫                 | -  | -                                   | -            | ├─   | -  | -        |
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| <b></b>         | 94       | 4         | ₩                 | ₩                 | $\vdash$   | ├-                                  | ├            | -  | <del>                                     </del> |          |
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|---------------------|------|--------------|---------|--------------------|--------------|----------|---|--------------|--|--------------|----------|----------|----------|------------|-----------|----------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|--|----------------|--|--------------|--------------|---------------|----------|----------|---|
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| <del>    1</del>    | 4    | V            | 7       | ╁                  | $\perp$      | $\dashv$ | _ | ├            | ⊢  | ╁            | $\vdash$ | -        |          | 7          |           |          | 7            |          | -        |          | $\dashv$ | $\dashv$ |          |          |          | J  | 7              | 7  | <del> </del> | ⊢            |               | Н        |          |   |
| 2                   | ╅    | Ÿ            | Ť       | 7                  |              | ┥        | _ | ⊢            | ╁  | ╁            | H        |          | 51<br>52 | Ť          | ١×        |          | <del>}</del> |          | -        | -        |          |          |          |          | 101      | ۲  | <del>-</del>   | _  | -            | ├            | -             | Н        | $\dashv$ |   |
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| 7                   | 1    | T            |         | -                  | -            | 7        |   |              |  |              | $\Box$   |          | 57       | Π          | Ħ         | 1        | #            | コ        | ヿ        | $\neg$   | 寸        | $\neg$   |          |          | 107      | <del>                                     </del> |                | 1  | T            |              |               |          |          |   |
| 8                   |      | T            |         | V                  | T            | П        |   |              |  |              |          |          | 58       | П          | П         | Т        | П            |          |          | 7        | T        | 寸        | $\neg$   |          | 108      |  |                |  | 1            |              |               |          |          | _ |
| 9                   | Ι    | $\mathbf{I}$ |         |                    | Т            |          |   |              |  |              |          |          | 59       | П          | П         | Ţ        | 7            |          |          |          |          | $\neg$   | $\neg$   |          | 109      |  |                |  | П            |              |               |          | $\neg$   |   |
| 10                  |      | I            |         | $\prod$            | Ι            |          |   |              |  |              |          |          | 60       |            | П         | Ţ        | -            |          |          |          |          |          |          |          | 110      |  |                |  | Γ            |              |               |          | $\neg$   |   |
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| 15                  |      | 1            | ╟       | H                  | +            | -+       |   | ├            |  | <del> </del> | $\vdash$ | <u> </u> | 65       | #          | #         |          | 7            | 4        |          |          | -        |          |          |          | 115      | <u> </u>   | <u> </u>       | <u> </u>   |              | ⊢            | <u> </u>      | Н        | _        |   |
| 16<br>17            | +    | +            | ╫       | #                  | +            | +        | _ | ⊢            | ┥  | ₩            | H        | <u> </u> | 66<br>67 | H          | #         | +        | <u> </u>     | -        | _}       | -        |          |          |          |          | 116      | ļ  | -              | -  |              |              | <del> </del>  |          |          |   |
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| 19                  | +    | +            | ╫       | +                  | H            | -+       | - | ├            | -  | ╁╌           | H        | -        | 69       | ╫          | ╫         | ╁        | ╫            | ᅱ        | -        | -+       | $\dashv$ | $\dashv$ | $\dashv$ | _        | 119      | $\vdash$   | ⊢              | $\vdash$   | +-           | ╁            |               | $\vdash$ |          |   |
| 20                  | +    | +            | H       | $\forall \exists$  | H            | $\dashv$ |   | $\vdash$     | <del>                                     </del> | ╁            | H        | -        | 70       | H          | ₩         | +        | ₩            | $\dashv$ | $\dashv$ | $\dashv$ | +        | -        | $\dashv$ |          | 120      | -  | -              | -  | +            | -            | -             | $\vdash$ |          | _ |
| 21                  | +    | +            | 1       | ۲                  | ╫            | +        | _ | $\vdash$     | $\vdash$   | t            | H        | <b></b>  | 71       | H          | tt        | $^{+}$   | H            | ┪        | -        | -        | $\dashv$ | -        | -        |          | 121      | -  | ┝              |  | ┼            | <del> </del> | <del> </del>  | H        | $\dashv$ | _ |
| 22                  | †    | 1            | H       | +                  | H            | 寸        |   | $\vdash$     | t  | t            | H        | <b>-</b> | 72       | H          | #         | t        | H            | _        | _        |          | -        | -        | -        |          | 122      | ╁  | <del>  -</del> |  | <del> </del> | <del> </del> | $\vdash$      | Н        | -        | _ |
| 23                  | †    | 1            | IT      | $\dagger$          | IT           | 寸        |   | -            | 1  | $\vdash$     | $\Box$   |          | 73       | H          | Ħ         | t        | Ħ            | $\neg$   |          | _        | $\dashv$ | 寸        | ┪        | -        | 123      |  |                |  |              | 1            |               | Н        | $\neg$   |   |
| 24                  | Т    | Т            | T       | T                  | П            | 7        |   | _            | $\vdash$   | Т            |          |          | 74       | H          | Ħ         | t        | Ħ            |          |          | 一        | 寸        | 寸        | 7        |          | 124      |  | $\vdash$       | Н  | T            | Т            | ┢             | П        |          | _ |
| 25                  | 1    |              |         | П                  | Т            |          |   |              |  |              |          |          | 75       | Π          | $\Pi$     |          | П            |          |          |          | $\neg$   | _        | $\neg$   |          | 125      | 1  | _              | $\Box$   | $\top$       |              | $\vdash$      |          |          | _ |
| 26                  | Ţ    |              |         |                    |              | $\Box$   |   |              |  |              |          |          | 76       | П          | П         |          | П            |          |          |          |          |          |          |          | 126      |  |                |  | 1            | П            | Г             | П        |          | _ |
| 27                  | Ι    | L            |         |                    |              |          |   |              |  |              |          |          | 77       | П          | П         | Τ        | П            |          |          |          |          |          |          |          | 127      |  |                |  | Π            |              |               |          |          |   |
| . 28                |      | L            | Ц       | Ш                  |              | $\perp$  |   |              |  |              |          |          | 78       | П          | П         |          | П            |          |          |          |          |          |          |          | 128      |  |                |  |              |              |               |          |          |   |
| 29                  |      | L            | Ц       | Ш                  | 1            | ┙        |   |              | L  |              |          |          | 79       | Ш          |           | Ц        | Ц            |          |          |          | $\Box$   |          |          |          | 129      |  |                |  |              |              |               |          |          |   |
| 30                  | 4    | L            | Ц       | Ц                  | $\downarrow$ | 4        |   | <u> </u>     | L  | L            | Ц        |          | 80       | Ш          | Ц         | I        |              | _        |          | _        | _        | _        | _        |          | 130      | L  | <u> </u>       | <u> </u>   | L            | L            |               | Ш        |          |   |
| 31                  | 4    | 1            | Ц       | 44                 | 4            | 4        | _ | <u> </u>     | <u>_</u>   | 1_           | $\sqcup$ | <u> </u> | 81       | Ц.         | 4         | 4        | Ⅵ            | _        | _        | _        | _        | _        | _        |          | 131      | <u> </u>   | L              | _  | 1            | L            | <u></u>       | Ш        |          |   |
| 32                  |      | ╀            | Н       | $\boldsymbol{\mu}$ | 4            | 4        | _ | ⊢            | ـــ  | ↓_           | $\sqcup$ | <u> </u> | 82       | #          | Щ.        | ļ:       | 7            | 4        | _        | _        | $\dashv$ | $\dashv$ | _        | <u> </u> | 132      | _  | <u> </u>       | <u> </u>   |              | <u> </u>     | _             | Ш        | _        |   |
| 33                  |      | +            | H       | H                  | +            | 4        | _ | $\vdash$     | $\vdash$   | ₩            | $\vdash$ |          | 83       | #          | #         |          | <u>স</u>     | 4        |          | $\dashv$ |          | $\dashv$ | 4        |          | 133      | <u> </u>   | <u> </u>       | -  | <del> </del> | <del> </del> | <u> </u>      | Щ        |          |   |
| 34<br>35            |      | +            | H       | ╁┫                 | +            | +        | - | -            | ⊢  | +            | $\vdash$ | <u> </u> | 84<br>85 | +          | ₩         |          |              | -        |          | -        | $\dashv$ | $\dashv$ | $\dashv$ | -        | 134      | -  | $\vdash$       | $\vdash$   | $\vdash$     | ₩            | <del> </del>  | $\vdash$ |          | _ |
| 36                  |      | +            | ⊬       | ╁                  | +            | +        |   | -            | -  | ┼            | H        |          | 86       | H          | ₩         |          | <u> </u>     | -        |          |          | -+       |          |          |          | 135      | -  | ├-             | $\vdash$   | $\vdash$     | ⊬            | $\vdash$      | $\vdash$ |          |   |
| 37                  | +    | +            | #       | ╫                  | +            | ┥        | - | -            | $\vdash$   | ╁            | $\vdash$ | $\vdash$ | 87       | H          | ╫         |          | ᅱ            |          |          |          | -+       | $\dashv$ | $\dashv$ | -        | 137      | -  | $\vdash$       | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash$      | $\vdash$ |          |   |
| 38                  | +    | +            | #       | ╫                  | +            | $\dashv$ | - | <del> </del> | $\vdash$   | $\vdash$     | H        | }        | 88       | ╁          | ╫         | +        | ;            | -        | -        | $\dashv$ | -+       | +        | $\dashv$ | -        | 138      | <del> </del>                                     | $\vdash$       | -  | +-           | ┼-           | ├-            | $\vdash$ |          |   |
| 39                  | +    | 十            | H       | ╫                  | +            | $\dashv$ |   | $\vdash$     | $\vdash$   | $\vdash$     | H        |          | 89       | H          | H         | +        | H            | ┪        | 寸        | $\dashv$ | . +      | ┪        | $\dashv$ | -        | 139      | <del>                                     </del> | <del> </del>   | -  | +-           | +-           |               | Н        | $\dashv$ | _ |
| 40                  |      | 十            | tt      | ╁                  | $\dagger$    | 十        |   | $\vdash$     | 1  | ╁            | H        |          | 90       | H          | ††        | t        | Ħ            | ┪        | ┪        | -        | $\dashv$ | _        | $\neg$   |          | 140      | -  | †              | -  | 1-           | ┢            | -             | Н        | $\dashv$ |   |
| 41                  | +    | 1            | Ħ       | ╁                  | +            | ┪        | _ | Г            | t  | †            | $\Box$   |          | 91       | H          | ††        | Ť        | Ħ            | ┪        | $\dashv$ | _        | $\dashv$ | _        | ヿ        |          | 141      | <del>                                     </del> | $\vdash$       | <del>                                     </del> | 1            | T            | $\vdash$      | Н        | $\dashv$ |   |
| 42                  | 7    | T            | H       | ††                 | $\top$       | 7        |   | 1            |  | $\top$       | П        | <u> </u> | 92       | H          | Ħ         | †        | ††           | ┪        | 寸        | _        | $\dashv$ |          | $\neg$   | _        | 142      | $\vdash$   | $\vdash$       | Η  | $\vdash$     | t            | $\vdash$      | Н        | _        | _ |
| 43                  | 1    | T            | Π       |                    | $\top$       | ╛        |   |              |  | T            |          |          | 93       | Π          | T         | T        | $\Pi$        | $\neg$   | _        | _        | $\neg$   | _        | ヿ        |          | 143      |  | Τ              | Г  | Т            | 1            | $\overline{}$ | П        |          | _ |
| 44                  |      | Ι            | Π       | $\prod$            | Ţ            | ╛        |   |              |  | Γ            |          |          | 94       | П          | $\prod$   |          | П            | ╗        | ╗        |          |          |          |          |          | 144      |  |                |  |              |              |               |          |          | _ |
| 45                  |      | Γ            |         | $\prod$            | Ι            |          |   |              |  |              |          |          | 95       | П          | $\coprod$ | Ι        |              |          |          |          |          |          |          |          | 145      | L  | L              | E  | L            |              |               |          |          |   |
| 46                  |      | L            | П       | $\prod$            | Ι            | I        |   |              |  |              |          |          | 96       | $\coprod$  | Π         | Γ        | $\prod$      |          |          |          | $\Box$   |          |          |          | 146      |  |                |  |              |              |               |          |          | _ |
| 47                  |      | L            | Ц       | Ц                  | Ţ            |          |   |              | $\Box$   |              |          |          | 97       | Ц          | П         | I        | П            | $\Box$   |          |          | $\Box$   |          |          |          | 147      |  |                |  |              |              |               |          |          |   |
| 48                  | _    | +            | Ц       | 44                 | 4            | _        | _ | <u> </u>     | ـ  | -            | Ш        |          | 98       | Ц          | 44        | Ţ        | $\sqcup$     | _        |          | _        | _[       |          | _        | L_       | 148      | <u> </u>   | <u> </u>       | ot   | 1            | L            |               | Ш        |          |   |
| 49                  |      | ٦,           | Ľ       |                    | 4            | _        |   | <u> </u>     |  |              | $\sqcup$ |          | 99       | Ц          | Ц         |          | <u> </u>     | 4        | _        | _        | _        | _        | _        | <u> </u> | 149      | <b>L</b>   | <u> </u>       | _  | $\vdash$     | <del> </del> | 1             | Щ        |          | _ |
| 50                  | ┸    |              | 1       | Ľ                  |              |          |   | <u> </u>     | <u> </u>   |              | .لــــا  | L        | 100      | V          | V         | Ŀ        | <u> </u>     |          |          |          | _1       |          |          | L_       | 150      | Ц.   | Ц.             | _  |              |              | <u> </u>      | ш        |          |   |